

अण्डमान तथा  
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अण्डमान तथा निकोबार प्रशासन  
ANDAMAN AND NICOBAR ADMINISTRATION  
सचिवालय/SECRETARIAT

NOTIFICATION

Port Blair, dated the 30<sup>th</sup> July, 2010

No. 186/2010/F. No. 3-27/2008/PR(PF).— In exercise of the powers conferred under Sub-rule (1) of rule 34 of Andaman and Nicobar Islands (Panchayat Administration) Rules, 1997 read with rule 36D thereof, the Lt. Governor (Administrator), A & N Islands is pleased to frame the following guidelines for safe disposal of domestic sewerage in rural areas i.e. Gram Panchayats in A & N Islands. These guidelines shall be followed by the Gram Panchayats, while according approval for building plans in their respective jurisdiction.

1. No building plan shall be approved and no building shall be deemed to have been completed and declared fit for human occupation unless provision is made for water seal latrine. No dry latrine shall be allowed. Water seal latrines can also be provided on the basis of community toilets or shared toilets.
2. Only septic tanks are allowed for onsite sanitation and they should be constructed within the premises of the structure.
3. Septic tanks may either be constructed in brick work, stone masonry or concrete in situ or pre-cast materials.
4. All septic tanks shall be provided with watertight covers of adequate strength. Access manholes of adequate size shall also be provided for purposes of inspection and desludging of tanks.
5. Every septic tank should be provided with ventilation pipes, the top being covered with a suitable mosquito proof wire mesh.
6. The liquid effluents from septic tank should be discharged through soak pits, dispersion trenches etc.
7. Yearly desludging of septic tank is desirable. However, if it is not feasible or economical, it should be cleaned at least once in 2 years provided that the tank is not overloaded due to use by more than the number for which it is designed.
8. Recommended sizes of septic tanks for individual households/structures (upto 20 users) and for housing colonies/commercial establishments (upto 300 users) are given below in tables.

**TABLE – I****RECOMMENDED SIZES OF SEPTIC TANK UPTO 20 USERS**

| No. of users | Length (m) | Breadth (m) | Liquid depth (m)             |                              |
|--------------|------------|-------------|------------------------------|------------------------------|
|              |            |             | Cleaning interval of 2 years | Cleaning interval of 3 years |
| 5            | 1.5        | 0.75        | 1.0                          | 1.05                         |
| 10           | 2.0        | 0.90        | 1.0                          | 1.40                         |
| 15           | 2.0        | 0.90        | 1.3                          | 2.00                         |
| 20           | 2.3        | 1.10        | 1.3                          | 1.80                         |

**Note 1 :** The capabilities are recommended on the assumption that discharges from only WC will be treated in the septic tank.

**Note 2 :** A provision of 300 mm should be made for free board (i.e.) distance between top slab and liquid level.

**Note 3 :** The sizes of septic tank are based on certain assumption on peak discharges, as estimated in IS : 2470 (Part 1) – 1985 and while choosing the size of septic tank exact calculations shall be made.

**TABLE – II****RECOMMENDED SIZES OF SEPTIC TANK FOR RESIDENTIAL COLONIES/COMMERCIAL ESTABLISHMENTS**

| No. of users | Length (m) | Breadth (m) | Liquid depth (m)             |                              |
|--------------|------------|-------------|------------------------------|------------------------------|
|              |            |             | Cleaning interval of 2 years | Cleaning interval of 3 years |
| 50           | 5.0        | 2.00        | 1.0                          | 1.24                         |
| 100          | 7.5        | 2.65        | 1.0                          | 1.24                         |
| 150          | 10.0       | 3.00        | 1.0                          | 1.24                         |
| 200          | 12.0       | 3.30        | 1.0                          | 1.24                         |
| 300          | 15.0       | 4.00        | 1.0                          | 1.24                         |

**Note 1 :** A provision of 300 mm should be made for free board (i.e.) distance between top slab and liquid level.

**Note 2 :** The sizes of septic tank are based on certain assumptions on peak discharges, as estimated in IS : 2470 (Part I) 1985 and while choosing the size of septic tank exact calculations shall be made.

**Note 3 :** For population of over 100, the tank may be divided into independent parallel chambers for maintenance and cleaning.

These guidelines shall come into force with immediate effect.

Sd/-  
(Lt. General (Retd.) Bhopinder Singh)  
Lieutenant Governor (Administrator),  
Andaman and Nicobar Islands.

Sd/-  
Joint Secretary (Panchayat)